

HUMIDIFIER FOR USE WITH SOURCE OF HEATED AIR

Abstract

A free-standing humidifier is suitable for placement near a source of heated air, which supplies the moving air that is humidified. The humidifier has a main reservoir for holding water, a rod having a length sufficient to extend across the reservoir, and panels that support the rod. The rod is held horizontally in a position higher than the reservoir and displaced horizontally away from the reservoir. One end of a disposable paper towel is draped over the rod and the other end of the paper towel is inserted through an opening in the top of the reservoir into water in the reservoir. Air flowing from the source impinges upon the paper towel and picks up moisture from it. A supplemental reservoir can be used to automatically supply additional water to the main reservoir. A commercial reservoir holding multiple paper towel can be supplied with water from a water line that has a valve controlled by a float which turn the valve on and off.